

WHAT IS CLAIMED IS:

1. A recording medium having a data structure for managing reproduction of at least still images, comprising:

a navigation area including navigation information indicating a portion
5 of a clip file, which includes video data, to display as a still image and a duration to display the still image.

2. The recording medium of claim 1, further comprising:

a playlist area including at least one playlist directory, and a playlist in
10 the playlist directory including the navigation information.

3. The recording medium of claim 2, wherein the playlist includes a playitem, and the playitem includes the navigation information.

15 4. The recording medium of claim 3, wherein the playitem includes an indicator indicating whether to display a still image.

5. The recording medium of claim 3, wherein the playitem includes a length indicator indicating a length of an information field forming the playitem.

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6. The recording medium of claim 3, wherein the playitem includes an indicator indicating a file name of a clip information file associated with the

clip file.

7. The recording medium of claim 6, wherein the playitem includes an indicator indicating an STC id for a portion of the clip file indicated by the clip
5 information file name.

8. The recording medium of claim 3, wherein the playlist further includes at least one playlist mark pointing to the still image in the clip file.

10 9. The recording medium of claim 2, wherein the playlist includes a sub-playitem, and the sub-playitem includes the navigation information.

10. The recording medium of claim 2, wherein the navigation information further includes at least one playlist mark pointing to the still image in the clip
15 file.

11. The recording medium of claim 1, wherein the navigation information indicates whether to display the still image for one of a finite and an infinite period of time.

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12. The recording medium of claim 9, wherein the navigation information indicates a length of time to display the still image when the navigation information indicates to display the still image for a finite period of time.

13. The recording medium of claim 1, further comprising:

a data area storing the clip file of video data.

5 14. The recording medium of claim 13, wherein the video data of the clip file includes at least one of an I picture, B picture and P picture.

15. The recording medium of claim 14, wherein the navigation information indicates to display the at least one of an I picture, B picture and P picture in
10 the clip file as the still image.

16. A method of reproducing still images from a recording medium, comprising:

reproducing a still image from a clip file recorded on a recording
15 medium based on navigation information indicating a portion of a clip file, which includes video data, to display as a still image and a duration to display the still image.

17. The method of claim 16, further comprising:

20 reproducing one of a playlist mark, a playitem and a sub-playitem in a playlist recorded on the recording medium, the one of the playlist mark, playitem and sub-playitem providing the navigation information.

19. An apparatus for reproducing a still image recorded on a recording medium, comprising:

a driver for driving an optical reproducing device to reproduce data recorded on the recording medium;

a controller for controlling the driver to reproduce a still image from a clip file recorded on a recording medium based on navigation information indicating a portion of a clip file, which includes video data, to display as a still image and a duration to display the still image.

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20. A method of recording a data structure for managing reproduction of at least still images recorded on a recording medium, comprising:

recording navigation information in a navigation area of the recording medium, the navigation information indicating a portion of a clip file, which includes video data, to display as a still image and a duration to display the still image.

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21. An apparatus for recording a data structure for managing reproduction of at least multiple reproduction path video data on a recording medium, comprising:

a driver for driving an optical recording device to record data on the recording medium;

an encoder for encoding at least multiple reproduction path video data;
and

a controller for controlling the driver to record navigation information in a navigation area of the recording medium, the navigation information indicating a portion of a clip file, which includes video data, to display as a still image and a duration to display the still image.